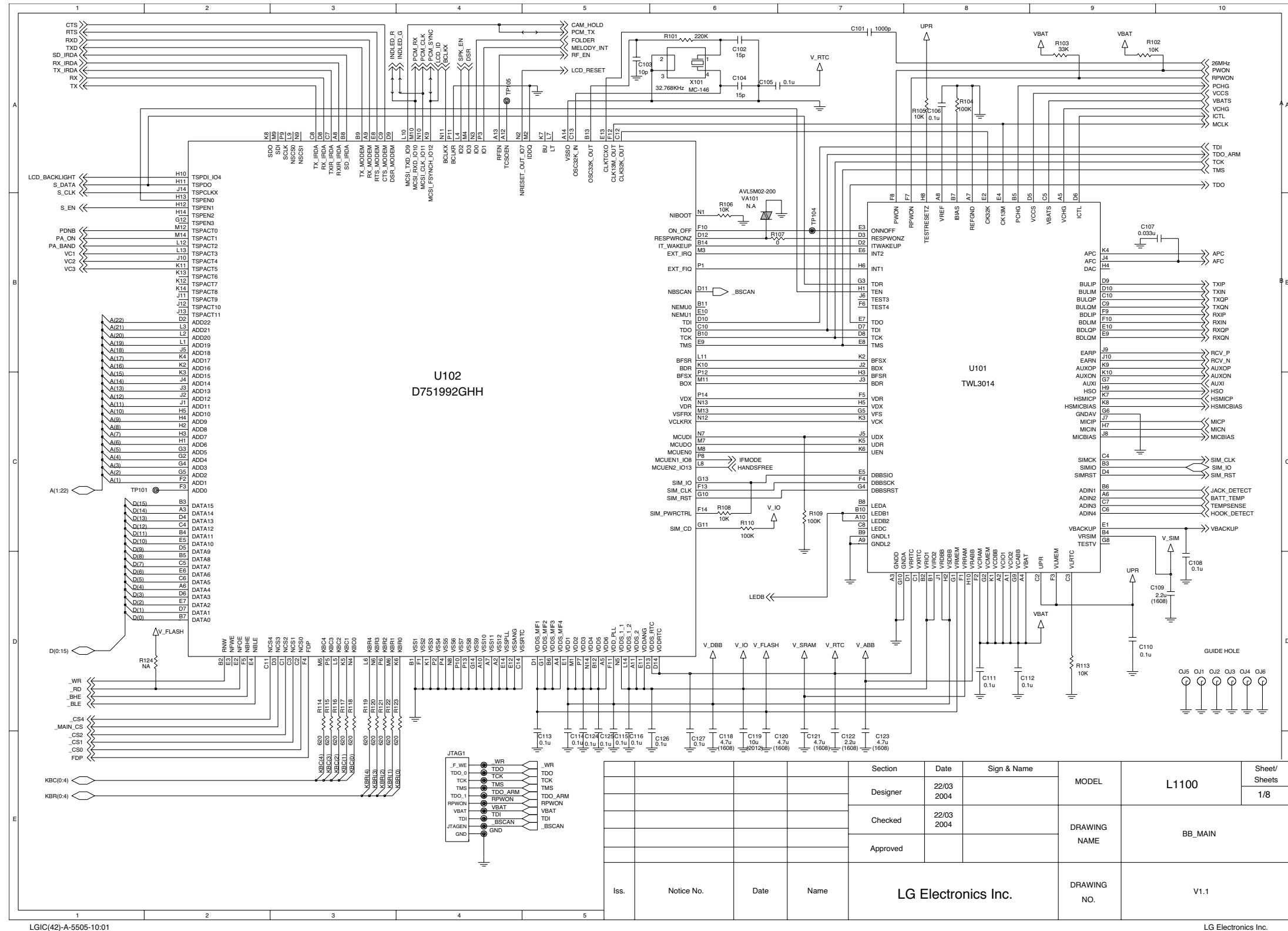
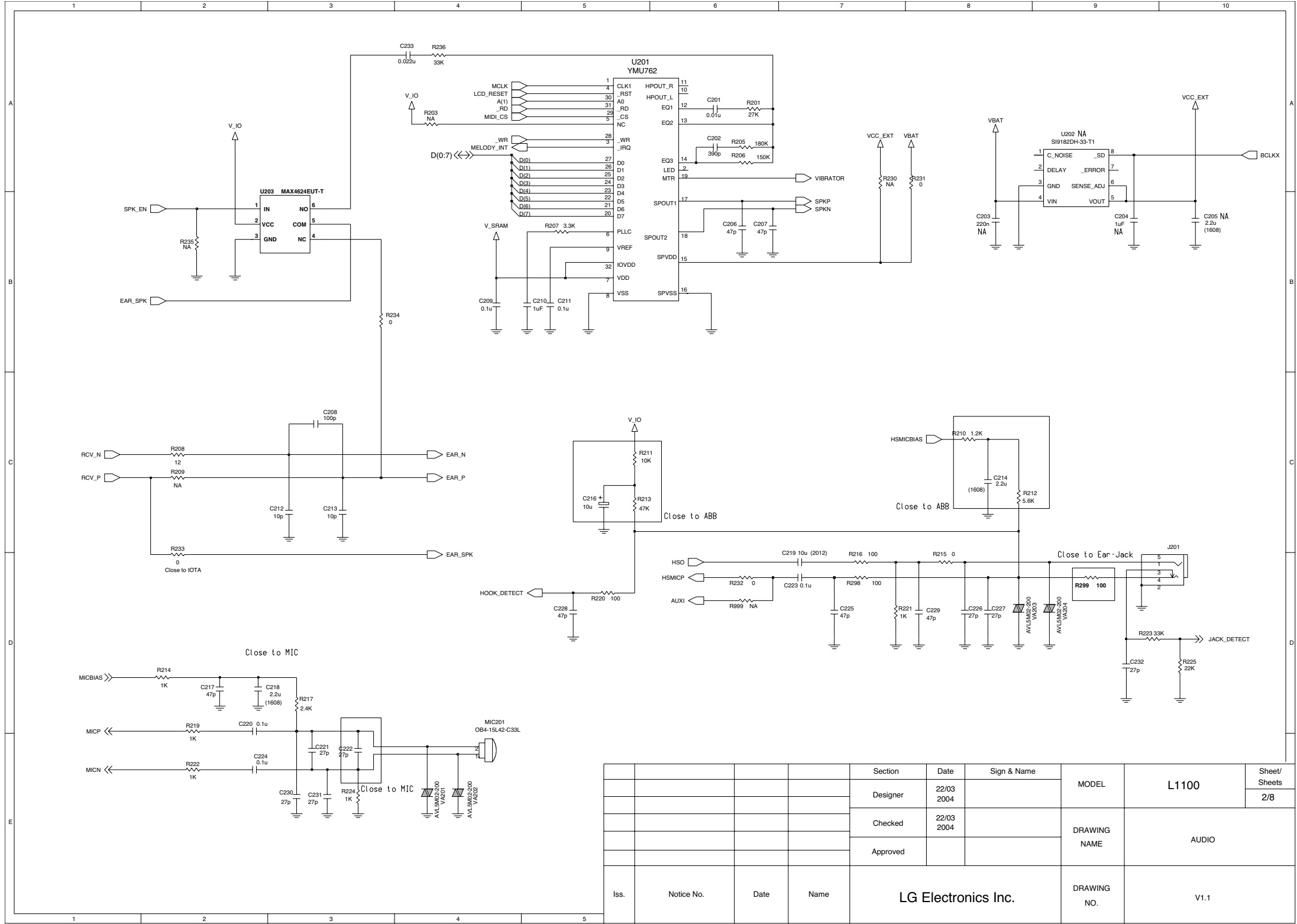


## 8. Circuit Diagram

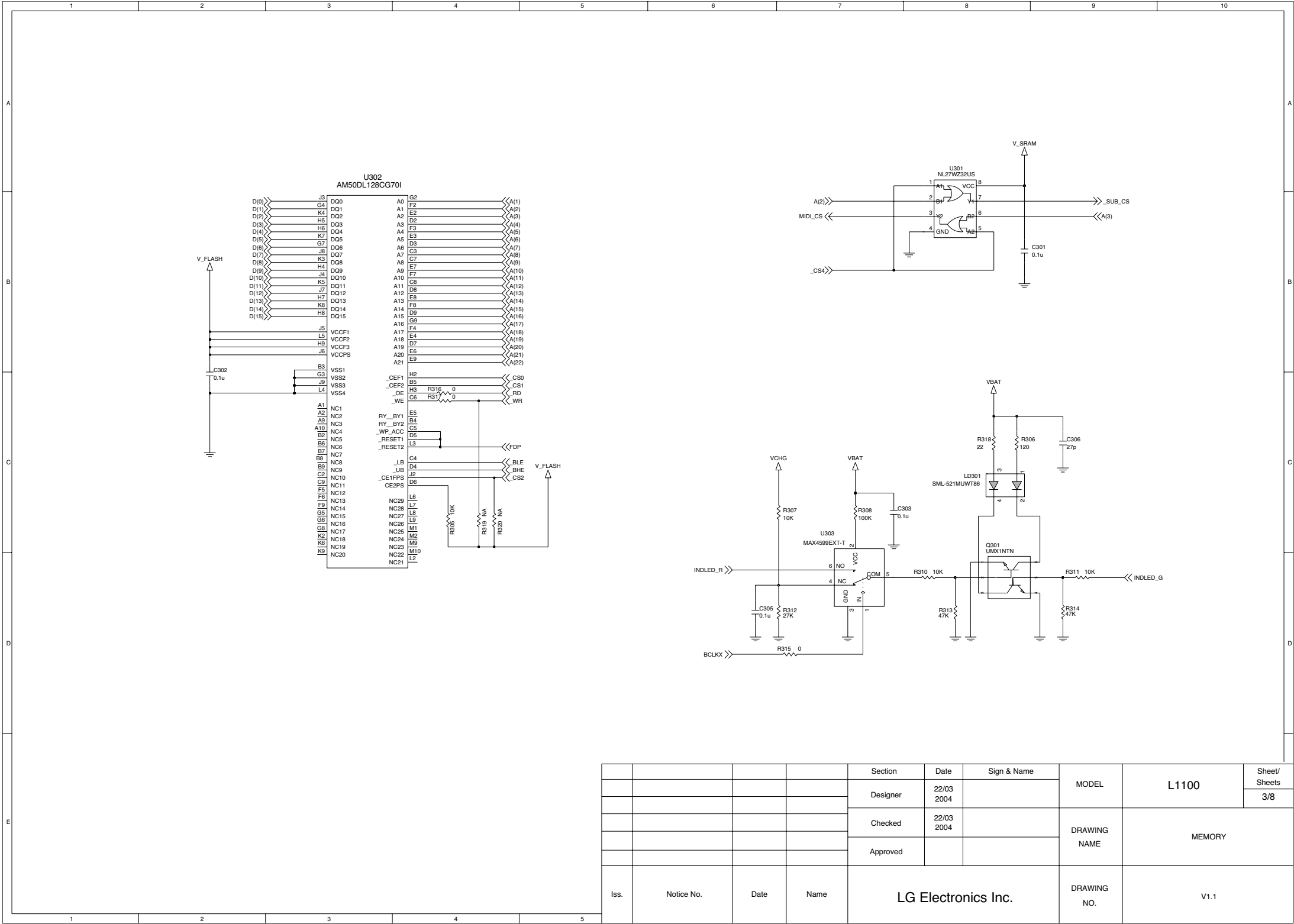
## 8.1 BB\_MAIN



8.2 AUDIO



8.3 MEMORY



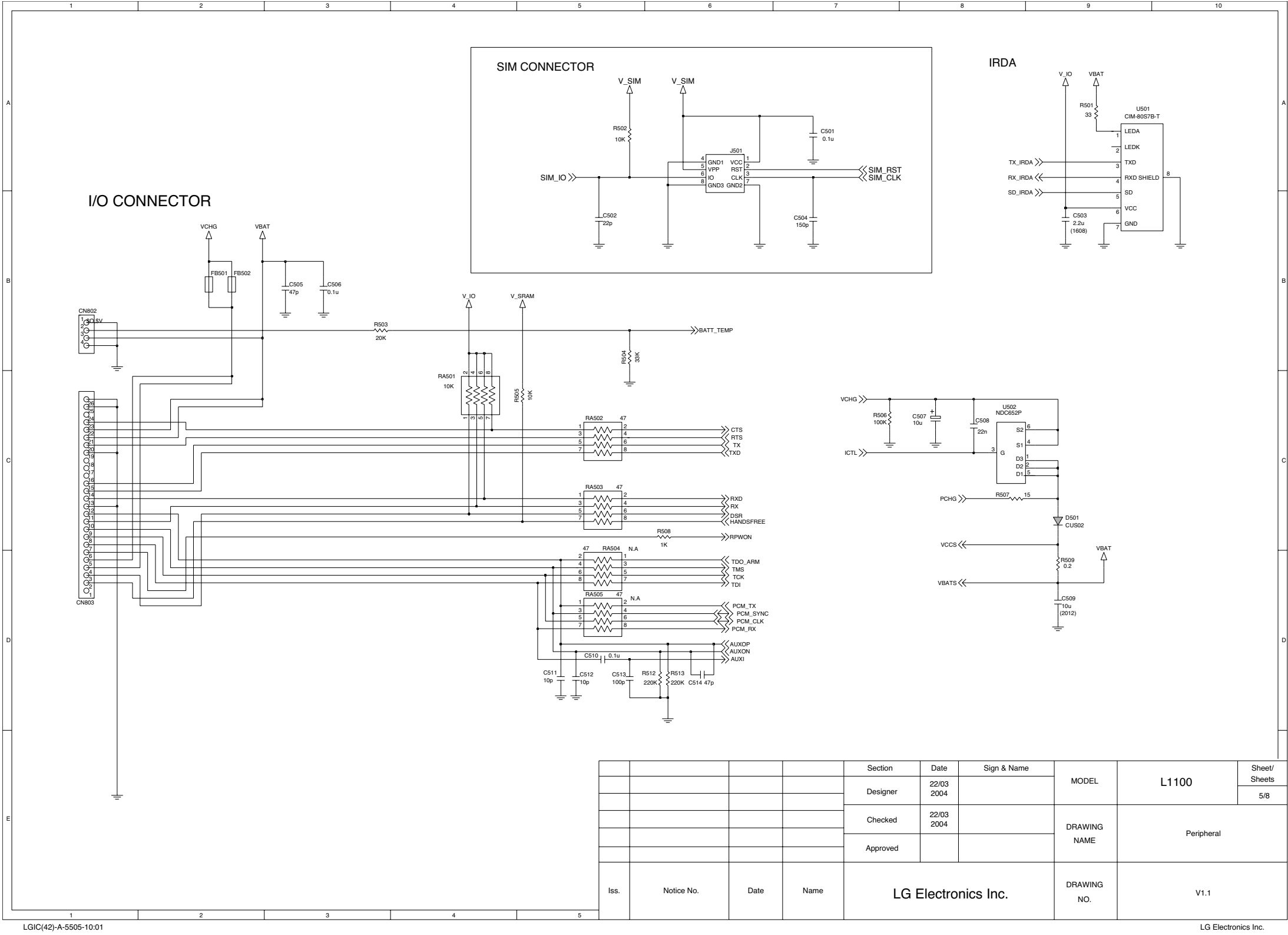
LGIC(42)-A-5505-10:01

LG Electronics Inc.

				Section	Date	Sign & Name	MODEL	L1100	Sheet/ Sheets
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				Checked	22/03 2004		DRAWING NAME	MEMORY	
				Approved					
Iss.	Notice No.	Date	Name	LG Electronics Inc.			DRAWING NO.	V1.1	



8.5 Peripheral

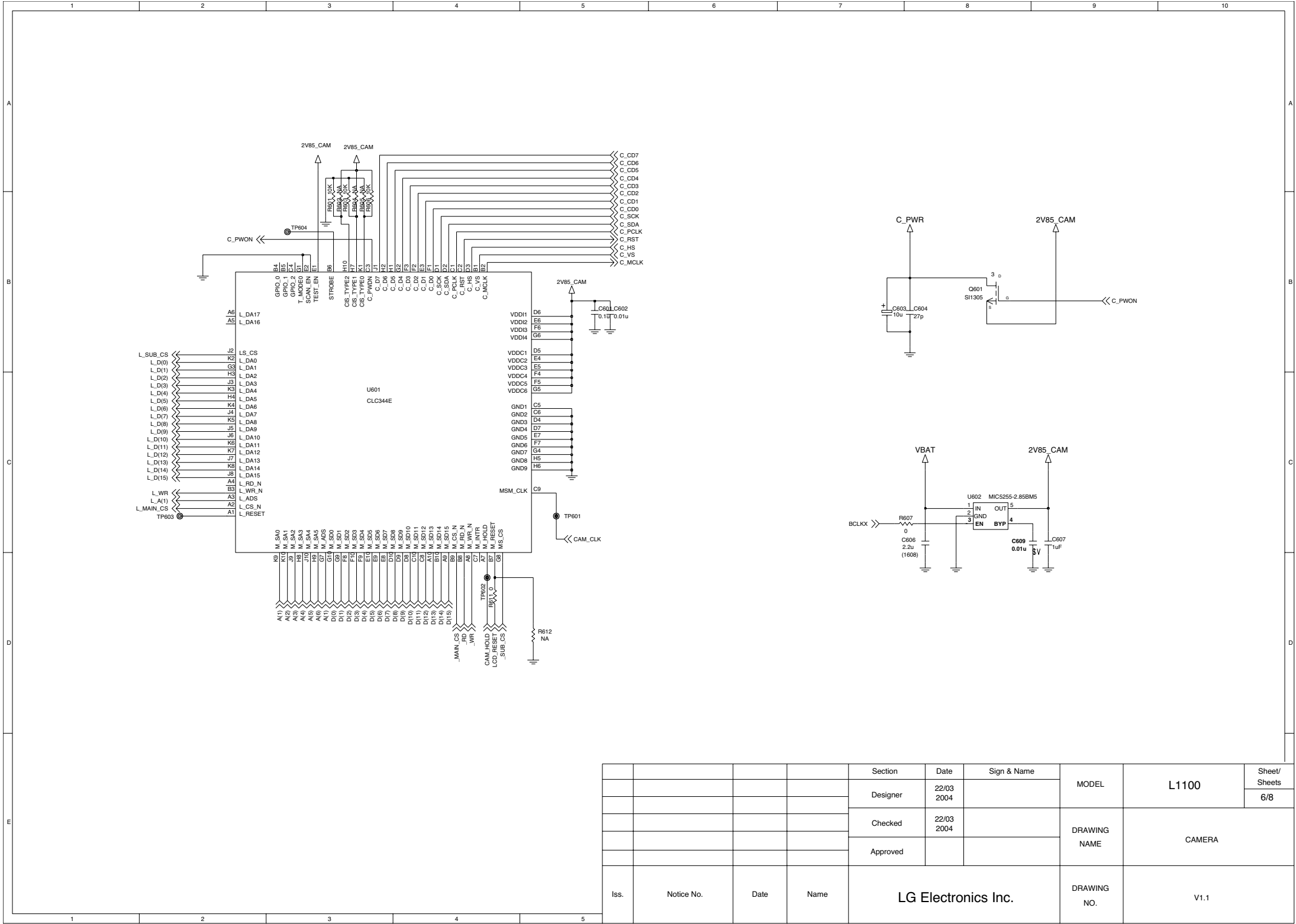


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				Checked	22/03 2004		DRAWING NAME	Peripheral	
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Iss.	Notice No.	Date	Name	LG Electronics Inc.			DRAWING NO.	V1.1	

LGIC(42)-A-5505-10:01

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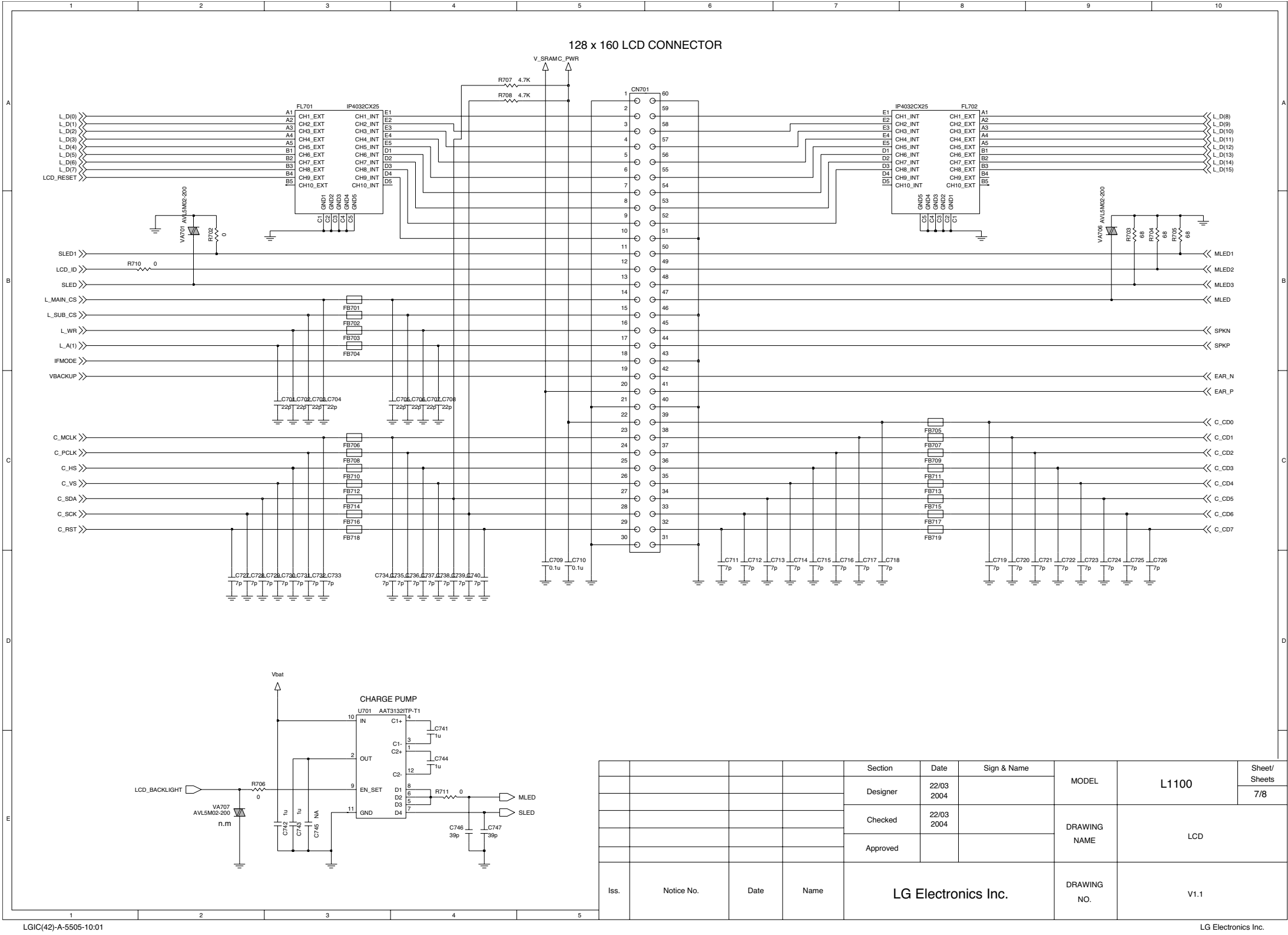
8.6 CAMERA



LGIC(42)-A-5505-10:01

LG Electronics Inc.

8.7 LCD



The diagram shows a complex PCB layout for a mobile phone. Key components include:

- RF Front End:** Includes an antenna (ANT), L-match network (L806, C899), and a switch (SW801).
- Baseband Processor:** U804 (RF3146) and U803 (SH205).
- Power Management:** FL801 (LMS77CHA-158) and U801 (NC7NZ34K8X).
- Temperature Sensor:** U805 (MICS255-2.85BM5).
- Passives:** Numerous capacitors (C801-C845) and inductors (L801-L804, L806).

**Table 1: Component Values**

	VC1 PIN 7	VC2 PIN 14	VC3 PIN 16
GSM RX	L	L	L
DCS RX	L	L	L
PCS RX	H	L	L
GSM TX	L	L	H
DCS/PCS TX	L	H	L

**Table 2: Drawing Information**

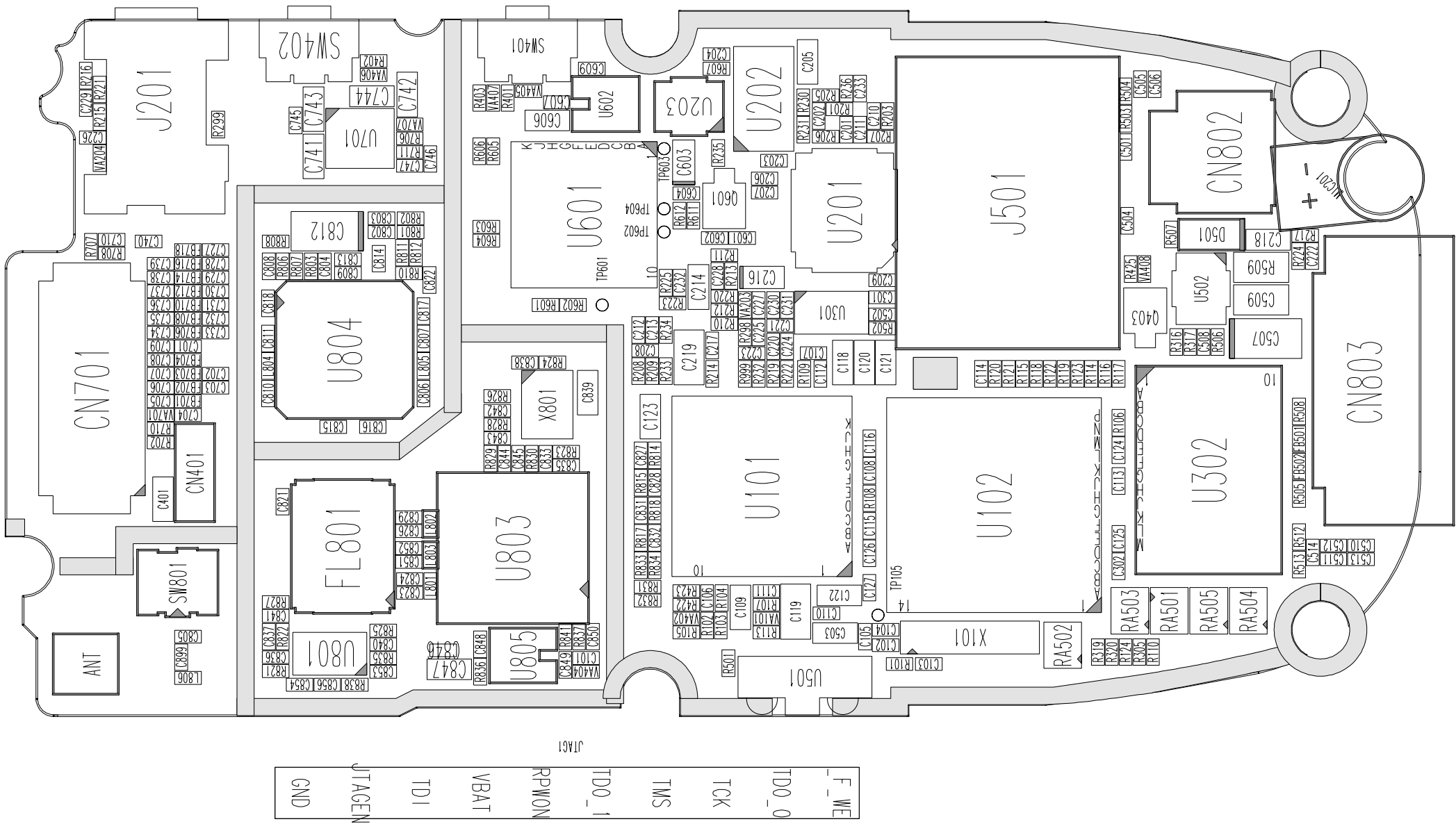
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Designer	22/03 2004				
Checked	22/03 2004				
Approved					
DRAWING NAME			RF_AERO I		
DRAWING NO.			V1.1		

**Table 3: Drawing Information**

Iss.	Notice No.	Date	Name	LG Electronics Inc.	DRAWING NO.	V1.1



9. PCB LAYOUT



## 9. PCB LAYOUT

